

In the Claims

Please cancel Claim 1.

Please amend Claims 2, 4 and 6.

Amendments to the claims are indicated in the attached "Marked Up Version of Amendments" (pages i - ii).

- 2*
2. (Amended) A mold for forming therein a dental model base useable with a dental articulator, the mold comprising:
- a bottom portion having a rear wall and a side wall at a periphery thereof extending upwards to define a cavity, the walls having upper edges defining an opening to the cavity; and
- an integral shaping element for forming at a portion of the dental model base a complement to the shaping element, the complement defining a connection element of a pivot mechanism which rotationally mates with a corresponding connection element of the articulator wherein the rear wall includes a first recess and wherein the shaping element comprises a first excursive cylindrical element in the first recess for forming at the dental model base a stanchion having an incurvature corresponding to the excursive curvature of the cylindrical element.
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4. (Amended) A mold for forming therein a dental model base useable with a dental articulator, the mold comprising:
- a bottom portion having a rear wall and a side wall at a periphery thereof extending upwards to define a cavity, the walls having upper edges defining an opening to the cavity; and
- an integral shaping element for forming at a portion of the dental model base a complement to the shaping element, the complement defining a connection element of a pivot mechanism which rotationally mates with a corresponding connection element of the articulator wherein the shaping element comprises a convex portion extending into the cavity for forming a concavity at the dental model base to which concavity the articulator can be attached to form a pivot mechanism.

6. (Amended) A mold for forming therein a dental model base useable with a dental articulator, the mold comprising:
- a bottom portion having a rear wall and a side wall at a periphery thereof extending upwards to define a cavity, the walls having upper edges defining an opening to the cavity; and
- A3*  
an integral shaping element for forming at a portion of the dental model base a complement to the shaping element, the complement defining a connection element of a pivot mechanism which rotationally mates with a corresponding connection element of the articulator wherein the shaping element comprises an excursive cylindrical element for forming at the dental model base an incurvature corresponding to the excurvature of the cylindrical element.

Please add new Claims 8 and 9.

*Sub B* 8. (New) A mold for forming therein a dental model base useable with a dental articulator, the mold comprising:

a bottom portion having a rear wall and a side wall at a periphery thereof extending upwards to define a cavity, the walls having upper edges defining an opening to the cavity; and

an integral shaping element comprising a convex portion extending into the cavity for forming a pivot mechanism at the dental model base.

*A.U.* 9. (New) A mold for forming therein a dental model base useable with a dental articulator, the mold comprising a bottom portion having a rear wall and a side wall at a periphery thereof extending upwards to define a cavity, the walls having upper edges defining an opening to the cavity and the rear wall having a recess for forming a pivot mechanism at the dental model base.